

# **VERSION DESCRIPTION DOCUMENT FOR THE CONSOLIDATED AGENCY PERSONNEL/PAYROLL SYSTEM**

Software Release

4.7

PrISMS Contract

03/21/02



National Aeronautics and  
Space Administration

**George C. Marshall Space Flight Center**  
Huntsville, Alabama 35812

**VERSION DESCRIPTION DOCUMENT  
FOR THE  
CONSOLIDATED AGENCY PERSONNEL/PAYROLL SYSTEM  
SOFTWARE RELEASE 4.7**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, ALABAMA

March 21, 2002

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SOFTWARE RELEASE 4.7**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, AL

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## **1. INTRODUCTION**

This Version Description Document (VDD) identifies the exact version of the Consolidated Agency Personnel/Payroll System (CAPPS) software released for installation/implementation.

### **1.1 IDENTIFICATION OF THE RELEASE**

System Name – CAPPS

Release Number – Software Release 4.7

Support of the previous release expires 30 days after the scheduled release date. This release must be implemented before processing center submissions for pay period ending March 23, 2002.

### **1.2 PURPOSE OF THE RELEASE**

The purpose of this release is to implement the CAPPS software allocated for this release. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

### **1.3 SCOPE OF THE RELEASE**

The VDD provides the functional and technical user of CAPPS with the following information regarding changes to the contents and status of the application, CAPPS Release 4.7, including the following:

- Changes implemented since the last release
- References to other documents affected by this release
- Changes to application files and data formats
- Detailed software installation procedures
- Validation procedures to ensure the reliability of the software changes.

### **1.4 CONTACT POINTS**

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for CAPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions

regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words: SESAAS & CAPPS)

Telephone: (256) 544-5516

E-Mail: [billy.graham@msfc.nasa.gov](mailto:billy.graham@msfc.nasa.gov)

FAX: (256) 544-1836

## **2. FUNCTIONAL INFORMATION**

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

### **2.1 FUNCTIONAL CHANGES**

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Predict changes related to this release.

### **2.2 FUNCTIONAL INTERFACES**

Not applicable.

### **2.3 CRITICAL ISSUES**

Not Applicable

### **2.4 AFFECTED DOCUMENTS**

Not Applicable

### **2.5 APPLICATION SYSTEM ADMINISTRATION**

Not Applicable



### **3.     TECHNICAL INFORMATION**

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

#### **3.1    TECHNICAL SYSTEM INTERFACES**

##### **3.1.1 NPPS Interface**

Not applicable.

##### **3.1.2 OPM Interface**

There are no changes to the OPM interface with this release.

#### **3.2    DATA DICTIONARY CHANGES**

Not applicable.

#### **3.3    SOFTWARE OBJECT CHANGES**

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

#### **3.4    DATABASE ADMINISTRATION**

The specific database administration activities for CAPPs 4.7 are detailed in Appendix D, Installation Instructions.

##### **3.4.1 Release Dataset Names**

The datasets for Software Release 4.7 are included in the Introduction of Appendix D, Installation Instructions.

##### **3.4.2 Inventory of Objects**

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

##### **3.4.3 Storage Considerations**

Not Applicable

#### **3.4.4 Installation Procedures**

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

### **3.5 OPERATIONAL PREPARATION**

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

# **APPENDIX A**

## **ABBREVIATIONS AND ACRONYMS**

## **ABBREVIATIONS AND ACRONYMS**

ADP	Automated Data Processing
BJs	Batch Job Submitter
CAPPS	Consolidated Agency Personnel/Payroll System
DBA	Database Administrator
DDM	Data Definition Module
DR	Discrepancy Report
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA ADP Consolidation Center
NASA	National Aeronautics and Space Administration
NPPS	NASA Personnel/Payroll System
RC	Requirements Change
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
SRS	System/Software Requirements Specification
UOG	User Operations Guide
VDD	Version Description Document

## **APPENDIX B**

### **GLOSSARY**

## **GLOSSARY**

### **Database Administration**

Responsibility for maintaining the physical database environment.

### **Implementation**

The process by which a NASA site installs a software release and places it into operational use.

### **Operational Preparation**

Preparation by a NASA site for installation and use of an application release.

### **System Administration**

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

**APPENDIX C**  
**FUNCTIONAL CHANGE VALIDATION**  
**PROCEDURES**

## **VALIDATION PROCEDURES SOFTWARE RELEASE 4.7**

### **1. 20020001**

- A. **Purpose:** To correct the PAYTABLE identifier in the CPDF OPM Status extract file when the value coming from the NASA Personnel/Payroll System (NPPS) is '99A ' through '99F '.
- B. **Test Procedure:**
- 1) Verify that the Status input file for CP00001 (Accept Input from NDM) has records with values of '99A ' through '99F ' in the PAYTABLE field, positions 2917-2920.
  - 2) From the CAPPs Main Menu, go into the Batch Job Submitter, Job Scheduling, and Schedule Process.
  - 3) Execute CP00001 and CP00002 (Process Files) for the second pay period of the month.
  - 4) Execute CP00001 and CP00002 for the monthly.
- C. **Validation:**
- 1) Examine the CPDF OPM Status extract file.
    - Verify that the PAYTABLE values that came from NPPS as '99A ' through '99F ' are in the extract file as '999A' through '999F', positions 150-153.

### **2. 20020002**

- A. **Purpose:** To discontinue sending records that have '009' in either the current or the new NOAC field. (Position 65 and 68 on the Dynamics file.) The records will still be in CAPPs for the appropriate processing to be done as a result of these records, but they will no longer be transmitted to OPM.
- B. **Test Procedure:**
- 1) Verify that the Transaction (TX) input file for CP00001 (Accept Input from NDM) has records with values of '009' in the current NOAC field, position 9-11, and on a separate record, in the new NOAC field, positions 1305-1307.
  - 2) From the CAPPs Main Menu, go into the Batch Job Submitter, Job Scheduling, and Schedule Process.
  - 3) Execute CP00001 and CP00002 (Process Files) for the second pay period of the month.
  - 4) Execute CP00001 and CP00002 for the monthly.



**C. Validation:**

- 1) Examine the CPDF OPM Dynamics extract file.
  - Verify that the values that came from NPPS as '009' are not in the extract, positions 65-67 and positions 68-70.

**CONSOLIDATED AGENCY PERSONNEL PAYROLL SYSTEM  
RELEASE DESCRIPTION  
SOFTWARE RELEASE 4.7  
March 2002**

The purpose of this release is to implement the changes allocated to software release 4.7 described below.

**SOFTWARE RELEASE 4.7**

RC 1620s IMPLEMENTED

20020001	PAYTABLE Incorrect on CPDF Extract to OPM
20020002	Performance Rating Corrections Erroneously in Dynamics File

**\*\*\*\*\* RECORD COUNT = 02**

## **APPENDIX D**

### **INSTALLATION INSTRUCTIONS**

**CONSOLIDATED AGENCY PERSONNEL PAYROLL  
SYSTEM  
RELEASE DESCRIPTION  
SOFTWARE RELEASE 4.7  
March 2002**

**Introduction**

Release Date – March 21, 2002

Release Inventory:

Dataset Names:

The following datasets are located on the transient storage DASD volumes under the following data sets names:

- MSMOV.CAPPS.PROD.R470.R0302.SRC

Physical media:  
VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & CAPPS):

Telephone: (256) 544-5516  
E-Mail: [billy.graham@msfc.nasa.gov](mailto:billy.graham@msfc.nasa.gov)  
Fax: (256) 544-1836

## **Installation Sequence**

The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

- 1.0 Backup Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 JCL/BJIS Modifications
- 8.0 Special Instructions
- 9.0 Installation Checklist

### **1.0 BACKUP EXISTING DATA**

It is advisable to back up all CAPPS files as a precautionary measure prior to installation of software release.

### **2.0 COPY SOURCE/OBJECT CODE**

#### **2.1 Copy Source Modules**

When installing software release 4.7, load the CAPPS new and modified programs from dataset MSMOV.CAPPS.PROD.R470.R0302.SRC using the Natural utility NATLOAD. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library CAPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

## Natural Source Modules by Type

Global Data Areas	0
Local/Param Data Areas	0
Maps	0
Helproutines	0
Subroutines	0
Subprograms	0
Programs	2
Copycode	0
Text	0
Process	0
Miscellaneous Objects	0
=====	
Total Programming Objects	2
Total Views Unloaded	0
Total Objects Read	2
Total Objects Unloaded	2

## 2.2 List of Source Code Modifications

The following is a list of all modules that were modified for the software release 4.7:

PROGRAM	DESCRIPTION
CAPP2200	Store CAPPS-INPT-STS-FILE Data on the CAPPS-OPM-STS-FILE
CAPP3100	Generate OPM Transaction Extract File

RELEASE PROGRAMS (MOD) ==> 02

## 2.3 List of Source Code Additions

Not Applicable

## 2.4 List of Source Code Deletions

Not Applicable

### **3.0 PRE-PREDICT DATA CONVERSION**

Not Applicable

### **4.0 INSTALL PREDICT**

#### **4.1 Data Dictionary Changes**

Not applicable

##### **4.1.1 Inventory of Objects**

Not applicable

##### **4.1.2 Storage Considerations**

Not applicable

##### **4.1.3 Physical File Changes**

Not applicable

### **5.0 CATALOG SOURCE CODE**

When installing software release 4.7, run a batch job to catalog (CATALL) all modules in the CAPPS or other named library. It is not necessary to catalog the Global Data Area. The Batch standard parameters should be used for the compile.

After objects are compiled, the CAPPS application will run under the On-line standard parameters.

### **6.0 POST-PREDICT DATA CONVERSION**

Not Applicable

## **7.0 JCL/BJS MODIFICATIONS**

### **JCL**

Not applicable

### **BJS**

Not Applicable

## **8.0 SPECIAL INSTRUCTIONS**

The following is a list of steps to update the CAPPS release number.

1. Execute program CAPP1525 from the Natural Command line.
2. Enter "04.07.00" when the program requests the release number.
3. Verify that the correct release number is displayed by viewing the CAPPS logo screen after logging on to CAPPS.

## **9.0 INSTALLATION CHECKLIST**

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 5.0 Catalog Source Code
- 8.0 Special Instructions